

**United States Department of Agriculture  
Agricultural Marketing Service, Science & Technology  
Pesticide Data Program**

SOP No. LABOP 06		Page 1 of 4
Title: Glassware Calibration and Cleaning		
Revision: 3	Replaces: 12/11/92	Effective: 07/01/00

**1. Purpose:**

To provide procedures for the calibration and cleaning of glassware used to analyze USDA-AMS-Pesticide Data Program (PDP) samples.

**2. Scope:**

This standard operating procedure (SOP) shall be followed by all laboratories conducting residue studies for PDP, including support laboratories conducting stability or other types of studies that may impact the program.

**3. Outline of Procedure:**

- 5.1 Glassware calibration
- 5.2 Glassware cleaning

**4. References:**

- USDA/AMS PDP Quality Assurance Meeting, April 4-5, 2000
- 40 CFR 160.81, Standard operating procedures

**5. Specific Procedures:**

This standard operating procedure (SOP) represents minimum PDP requirements and is presented as a general guideline. Each laboratory shall have written procedures that provide specific details concerning how the procedure has been implemented in that laboratory.

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5.1 Glassware calibration

Each laboratory shall provide for the calibration of volumetric glassware used in the analysis of PDP samples. Manufacturer's certification is adequate.

5.2 Glassware cleaning

Each laboratory shall provide guidelines for cleaning glassware in such a manner as to preclude any cross-contamination. Contamination shall be evaluated by running a reagent blank with each set.

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Revision 3

April 4-5, 2000

QA Meeting

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- Modified format to conform to other SOPs
  - Updated section 4, "References"